



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Steven K. Stringer et al.)
Serial No.:)
10/616,116)
Filing Date:)
July 8, 2003)
For: INTEGRATED BLOOD)
HANDLING SYSTEM HAVING)
ACTIVE GAS REMOVAL)
SYSTEM AND METHODS OF)
USE)

San Diego, California

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER
37 CFR § 1.97 (c)

Dear Sir or Madam:

In accordance with 37 C.F.R. § 1.56, Applicants make the documents, listed on the enclosed form PTO/SB/08, of record in the above-identified application. In accordance with 37 C.F.R. § 1.97, this statement is not to be construed as a representation that a search has been made, and is not a representation that the information cited is effective as prior art to the application or is material to patentability.

submitting a copy of each cited U.S. patent and U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 that appears in the Official Gazette Notice (Week No. 31) dated August 5, 2003 and entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications Filed After June 30, 2003". Copies of non-patent literature documents are enclosed herewith.

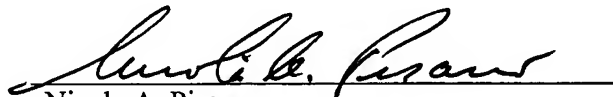
It is respectfully requested that these documents be (1) fully considered by the U.S. Patent and Trademark Office in the examination of the above-identified application; and (2) printed on any patent which may issue on this application. It is also respectfully requested that a copy of Form PTO/SB/08, as considered and initialed by the Examiner, be returned to the undersigned with the next communication in accordance with M.P.E.P. § 609.

Please find a check enclosed in the amount of \$180.00 under 37 CFR 1.17 (p). We request the United States Patent and Trademark Office charge any underpayments or credits to our Deposit Account No. 50-2298, in the name of Luce, Forward, Hamilton & Scripps LLP.

Respectfully submitted,

Date

April 15, 2005



Nicola A. Pisano

Attorney for Applicant(s)

Reg. No. 34,408

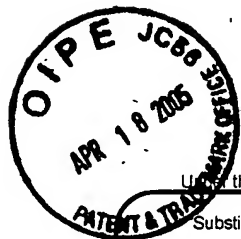
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Telephone No.: (858) 720-6300



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 5

Complete if Known

Application Number	10/616,116
Filing Date	7/8/2003
First Named Inventor	Steven K. Stringer
Art Unit	3762
Examiner Name	Bianco, Patricia
Attorney Docket Number	CVN-011 CON

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,701,433	10-31-1972	Krakauer et al.	
		US- 3,827,562	08-06-1974	Esmond	
		US- 4,056,476	11-01-1977	Mouwen et al.	
		US- 4,087,363	05-02-1978	Rosenmeyer et al.	
		US- 4,111,829	09-05-1978	Bimond et al.	
		US- 4,126,558	11-21-1978	Luceyk	
		US- 4,157,965	06-12-1979	Raible	
		US- 4,280,495	07-28-1981	Lampert	
		US- 4,283,289	08-11-1981	Meyst et al.	
		US- 4,319,580	03-16-1982	Colley et al.	
		US- 4,354,500	10-19-1982	Colley et al.	
		US- 4,354,501	10-19-1982	Colley et al.	
		US- 4,354,502	10-19-1982	Colley et al.	
		US- 4,401,566	08-30-1983	Igari et al.	
		US- 4,411,783	10-25-1983	Dickens et al.	
		US- 4,490,254	12-25-1984	Gordon et al.	
		US- 4,490,331	12-25-1984	Steg Jr.	
		US- 4,493,705	01-15-1985	Gordon et al.	
		US- 4,572,724	02-25-1986	Rosenberg et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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Sheet 2 of 5**Complete if Known**

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		Number-Kind Code ² (if known)			
		US- 4,653,577	03-31-1987	Noda	
		US- 4,676,771	06-30-1987	Henske	
		US- 4,690,762	09-01-1987	Katsura	
		US- 4,698,207	10-06-1987	Bringham et al.	
		US- 4,747,826	05-31-1988	Sassano	
		US- 4,919,802	04-24-1990	Katsura	
		US- 4,923,438	05-08-1990	Vasconcellos et al.	
		US- 4,981,413	01-01-1991	Elonen et al.	
		US- 5,011,469	04-30-1991	Buckberg et al.	
		US- 5,017,103	05-21-1991	Dahl	
		US- 5,055,198	10-08-1991	Stettigar	
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		US- 5,162,102	11-10-1992	Nogawa et al.	
		US- 5,188,604	02-23-1993	Orth	
		US- 5,205,153	04-27-1993	Hlavinka et al.	
		US- 5,266,265	11-30-1993	Raible	
		US- 5,270,005	12-14-1993	Raible	
		US- 5,334,309	08-02-1994	Huggett et al.	
		US- 5,394,732	03-07-1995	Johnson et al.	

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		Number-Kind Code ² (if known)			
		US- 5,445,613	08-29-1995	Orth	
		US- 5,503,801	04-02-1996	Brugger	
		US- 5,514,335	05-07-1996	Leonard et al.	
		US- 5,591,251	01-07-1997	Brugger	
		US- 5,632,894	05-27-1997	White et al.	
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		US- 5,651,765	07-29-1997	Haworth et al.	
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		US- 5,840,068	11-24-1998	Cartledge	
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		US- 5,997,816	12-07-1999	McIntosh et al.	
		US- 6,017,493	01-25-2000	Cambron et al.	
		US- 6,206,632	03-27-2001	Gallus	
		US- 6,224,829	05-01-2001	Piplani et al.	
		US- 6,241,945	06-05-2001	Owen	

[illegible]

Examiner Signature		Date Considered	
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Sheet 4

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		Number-Kind Code ² (if known)			
		US- 6,267,926	07-31-2001	Reed et al.	
		US- 6,302,860	10-16-2001	Gremel et al.	
		US- 6,315,751	11-13-2001	Cosgrove et al.	
		US- 6,328,712	12-11-2001	Cartledge	
		US- 6,337,049	01-08-2002	Tamari	
		US- 6,524,267	02-25-2003	Gremel et al.	
		US- 20040195178	10-07-2004	Carpenter et al.	
		US- 20040197223	10-07-2004	Olsen et al.	
		US- 20040217054	11-04-2004	Olsen et al.	
		US- 20040220509	11-04-2004	Olsen et al.	
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Art Unit	3762
Examiner Name	Bianco, Patricia
Attorney Docket Number	CVN-011 CON

Sheet 5

of

5

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Matayoshi et al., "Development of a Completely Close Circuit Using an Air Filter in a Drainage Circuit for Minimally Invasive Cardiac Surgery," Artificial Organs 24(6): 454-458 (2000).	
		Medtronic, "The Bio-Pump Centrifugal Blood Pump." (1998)	
		Morita et al., "Closed Circuit Cardiopulmonary Bypass with Centrifugal Pump for Open-Heart Surgery: New Trial for Air Removal," Artificial Organs 24(6):442-445 (2000).	
		Jorge Ojita, et al., "Assisted Venous Drainage Cardiopulmonary Bypass in Congenital Heart Surgery," Ann. Thorac. Surg., 71: 1267-72 (2001).	
		Joseph J. Sistino et al., "Laboratory Evaluation of a Low Prime Closed Circuit Cardiopulmonary Bypass System," J.Extra-Corp. Tech., 24 (4): 116-119 (1993).	
		Declaration of Jorge Ojito, Aug. 2003.	
		Declaration of Yehuda Tamari, Sep.4, 2003.	

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